

Amendments to the Specification

Please amend the specification, as follows:

Page 1, lines 1-2, replace the title paragraph with the following amended paragraph:

METHOD AND SYSTEM FOR MONITORING ~~THE BEHAVIOUR~~
INSTANTANEOUS BEHAVIOR OF A TYRE DURING THE RUNNING
OF A MOTOR VEHICLE TIRE IN A ROLLING CONDITION

Page 1, line 3, replace the paragraph with the following amended paragraph in the form of a section heading:

[[*****]] CROSS-REFERENCE TO RELATED APPLICATIONS

Page 1, line 4, replace the paragraph with the following amended paragraph:

~~DESCRIPTION~~ This application is a national-phase entry under 35 U.S.C. § 371 from International Application No. PCT/EP02/03498, filed March 28, 2002, in the European Patent Office, the content of which is relied upon and incorporated herein by reference.

Page 1, line 4, add the following new paragraph in the form of a section heading after the claims to the right of priority and benefit added above and prior to the start of the paragraph beginning “The present invention relates to a method”

BACKGROUND OF THE INVENTION

Page 1, line 4, add the following new paragraph in the form of a section subheading after the heading “BACKGROUND OF THE INVENTION” added above and prior to the start of the paragraph beginning “The present invention relates to a method”

Field of the Invention

Page 1, line 8, add the following new paragraph in the form of a section subheading prior to the start of the paragraph beginning “A tire of a motor vehicle”

Description of the Related Art

Page 2, line 27, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “The Applicant has observed that”

SUMMARY OF THE INVENTION

Page 8, line 6, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “Characteristics and advantages”

BRIEF DESCRIPTION OF THE DRAWINGS

Page 9, line 4, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “The tyre of figure 1”

DETAILED DESCRIPTION OF THE EXEMPLARY EMBODIMENTS

Add a new page 24 after the claims, adding the following ABSTRACT OF THE DISCLOSURE. A new, separate page 24 including the ABSTRACT OF THE DISCLOSURE is enclosed.

ABSTRACT OF THE DISCLOSURE

A method for monitoring instantaneous behavior of a tire in a rolling condition includes acquiring and storing at least one reference curve representing an acceleration profile of at least one specified point of the tire as a function of its position during at least one portion of a revolution of the tire; continuously acquiring signals of acceleration of the at least one point; deriving from the signals of acceleration at least one cyclic curve of acceleration of the at least one point; comparing the at least one cyclic curve with the at least one reference curve; and emitting a signal depending on the comparison that indicates the instantaneous behavior of the

tire. The at least one reference curve represents the acceleration profile in at least two directions, including two or more of a centripetal direction, a tangential direction, and a lateral direction. A related system and tire are also disclosed.